| · | | | | | | ATTY DOCKET NO. | | APPLICATION N | 10. | 1 |
|----------------------|-----|--|---|---------------|----------------------|---|--------------------------|---------------------------------|-------------------------------|--------------|
| | | | | | | COPER-01008 | 3 | 10/781.495 | | |
| | INF | DRM/ | ATION DISCLOSURE | CITATION | : | APPLICANT(S) | | | | |
| | | (U | se seye to the same coss | ary) | | Will Volnak | | <u> </u> | | |
| | | | 4 | | | FILING DATE | | GROUP ART UN | liT | Ì |
| | | | (3) | | | 02/17/2004 | | 2 | 2123 | |
| | | | MAR O 6 2007 Re | U.S | . PATENT | DOCUMENTS | | | | |
| *EXAMINER | | | DOCUMENT NUMBER | DATE | | NAME | CLASS | SUBCLASS | FILING DAT | |
| /R.K./ | 1 | 5,72 | 27,175 | 03/10/1998 | Thomas | Malone, et al. | 395 | 356 | 06/07/19 | 91 |
| /R.K./ | 2 | 5,49 | 91,820 | 02/13/1996 | Edward | Belove, et al | 395 | 600 | 11/10/19 | 94 |
| /R.K./ | 3 | 5,71 | 17,923 | 02/10/1998 | Rick De | drick | 395 | 613 | 11/03/19 | 94 |
| /R.K./ | 4 | 5,76 | 61,656 | 06/02/1998 | Ofer Be | n-Shachar | 707 | 4 | 06/26/19 | 95 |
| /R.K./ . | 5 | 5,77 | 78,367 | 07/07/1998 | Ralph B | . Wesinger, et al. | 707 | 10 | 12/14/19 | 95 |
| - | | | | U.S. PATEN | T APPLIC | ATION PUBLICATIONS | | | | |
| *EXAMINER INITIAL | | | DOCUMENT NUMBER | DATE | | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | _ |
| | | | | | | | | | | |
| | | | | FORE | IGN PATE | NT DOCUMENTS | | | | |
| | | | DOCUMENT NUMBER | DATE | | COUNTRY | CLASS | SUBCLASS | TRANS YES | LATION NO |
| /R.K./ | 6 | wo | 1996/23265 | 08/01/1996 | Nichola | s John Davies, et al. | G06F | 17-30 | | |
| /R.K./ | 7 | wo |)/1994/019884 | 09/01/1994 | Robert Roy Blandford | | G06F | 17-30 | | |
| /R.K./ | 8 | wo | 0/2000/002146 | 01/13/2000 | Will Volnak | | G06F | 17-30 | | |
| | | | | | | | · | | | |
| | | | | | | | | | - | |
| | | | OTHER DOCUMEN | NTS (Includin | g Author | , Title, Date, Pertinent l | Pages, Etc | :.) | | |
| /R.K./ | | AQ - Goldberg, D., et al.: "Using Collaborative Filtering to Weave an Information Tapestry," Communications of the Association for Computing Machinery, Association for Computing Machinery. New York, US, vol. 35, no.12, 1 December 1992, pages 61-70, XP000334368, ISSN: 0001-0782. | | | | | | | | |
| /R.K./ | | 10 | AR- Juhne, J., et al.: " Networks and ISDN S 131-139, XP004121433 | ystems, North | Holland I | I Guided Tour System fo Publishing. Amsterdam, | or the Wor NL vol. 30 | ld Wide Web,), no. 1-7 Apri | " Comput I 1998, pag | er ges |
| EXAMINE | R | /Rich | ard Keehn/ | | | DATE CONSIDERED | 09/17/20 | 07 | | |
| | | | ference considered, whethe | | | nance with MPEP 609; Draw | line through | citation if not in o | conformance | and not |

P09C/REV04

APPLICATION NO. ATTY DOCKET NO. 10/781,495 **COPER-01008** INFORMATION DISCLOSURE CITATION Will Volnak (Use several sheets if necessary) **GROUP ART** FILING 2123 02/17/2004 **U.S. PATENT DOCUMENTS** FILING DATE EXAMINER CLASS SUBCLASS DOCUMENT NUMBER DATE NAME INITIAL IF APPROPRIATE 707 2 09/13/1994 US 5,428,778 06/27/1995 **Cyril Brookes** /R.K./ 12 US 5,721,897 02/24/1998 Seymour L. Rubinstein 395 602 07/26/1996 /R.K./ 707 10 12/14/1995 /R.K./ 5,778,367 07/07/1998 Ralph E. Wesinger, et al. 14 355 09/26/1996 345 5,838,326 11/17/1998 Stuart K. Card, et al. /R.K./ 05/08/1997 707 10 5,761,662 06/02/1998 Vasanthan S. Dasan /R.K./ **U.S. PATENT APPLICATION PUBLICATIONS** EXAMINER FILING DATE SUBCLASS CLASS DOCUMENT NUMBER DATE NAME INITIAL IF APPROPRIATE **FOREIGN PATENT DOCUMENTS** TRANSLATION DOCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS YES OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) AS- Maltz, D., et al.: "Pointing The Way: Active Collaborative Filtering," Human Factors in Computing Systems. CHI '95 Conference Proceedings. Denver, May 7-11,1995, Conference on Human Factors in Computing Systems, New York, ACM, US, 7 May 1995, pages 202-209, XP000538449, ISBN: 0-201-84705-1 16 /R.K./ AQ- "Roscheisen, M., et al.: " Beyond Browsing: Shared cComments, SOAPs, Trails, and On-line Communities," Computer Network and ISDN Systems, North Holland Publishing. Amsterdam, NL, vol 27, no. 6,1 April 1995, pages 739-749, XP004013176, ISSN: 0169-7552. /R.K./ **EXAMINER** DATE CONSIDERED /Richard Keehn/ 09/17/2007

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

| | | | <u>-</u> | ATTY DOCKET NO. COPER-01008 | | APPLICATION NO. 10/781,495 | | | | |
|------------------|----------------------|--|----------------------|------------------------------|---|--|---------------------------------------|---------------|----------------------------|--|
| | INFO | DRMATION DISOLOSURE (Use seyer) Needs in needs. | CITATION | | Will Volnak | | | | | |
| | | | \ | | FILING 02/17/2004 | | GROUP ART 2123 | | | |
| | | MAR 0 6' 7007 |) | DATENT | DOCUMENTS | | | 4143 | | |
| *EXAMINER | <u> </u> | DOCUMBERT | DATE | · | NAME | CLASS | SUBCLASS | FILING DAT | E · | |
| INITIAL | <u> </u> | | | | | | | IF APPROP | | |
| /R.K./ | 18 | 5,649,186 | 07/15/1997 | Gregor | y Ferguson | 395 | 610 | 08/07/19 | 95 | |
| /R.K./ | 19 | 5,694,594 | 12/02/1997 | Daniel (| Chang | 395 | 606 | 11/14/19 | 94 | |
| /R.K./ | 20 | 5,632,022 | 05/20/1997 | Lloyd V | /. Warren et al. | 715 | 776 | 11/13/19 | 91 | |
| /R.K./ | 21 | 5,717,925 | 02/10/1998 | Lloyd H | larper et al. | 395 | 613 | 06/05/199 | 96 | |
| /R.K./ | 22 | 5,623,652 | 04/22/1997 | Kamur | A. Vora et al. | 395 | 610 | 07/25/19 | 94 | |
| | | | U.S. PATEN | IT APPLIC | ATION PUBLICATIONS | | | | | |
| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | | NAME | CLASS | CLASS SUBCLASS | | FILING DATE IF APPROPRIATE | |
| | | · | | | | | | · | • | |
| | | | | | | | | | _ | |
| | | | | | | | | | ·- | |
| | | | | | | | | | | |
| | | | FORE | IGN PATE | NT DOCUMENTS | | | | | |
| | DOCUMENT NUMBER | | DATE | | COUNTRY | CLASS | SUBCLASS | TRANS | NO NO | |
| | | | | | · . • | | | | | |
| | | | | | | | | | | |
| | - | | | | *************************************** | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | OTHER DOCUMEN | NTS (Includin | g Author | , Title, Date, Pertinent I | Pages, Etc. |) | . | <u> </u> | |
| | | | | · · · · · · | | | · · · · · · · · · · · · · · · · · · · | | | |
| | | | | | | | | | | |
| | | | - | | | | | | | |
| | | | | | | • | | | | |
| EXAMINE | R | /Richard Keehn/ | | - | DATE CONSIDERED | | | | | |
| *EYAMINE | D. Init | | and challes to | in an-6 | | 9/17/2007 | Making IF A br | | | |
| | .rs. mill L. lach | al if reference considered, whethe | r or not citation is | in conform | iance with MPEP 609; Draw | iine through (| citation if not in c | ontormance | and not | |

P09C/REV04

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)

| ATTY DOCKET NO. | APPLICATION NO. 10/781,495 | | | | |
|-----------------|-------------------------------|--|--|--|--|
| COPER-01008 | | | | | |
| Will Volnak | | | | | |
| FILING | GROUP ART | | | | |
| 02/17/2004 | 2123 | | | | |

| | INF | ORMATION DISCLOSURI Use several sheets if neces! | | | Will Volnak | | | | |
|-------------------|----------|---|----------------|-----------------------|---------------------------------------|---------------|----------|-------------|-------------|
| | | | | FILING GROUP ART 2123 | | | | | |
| | | | U.S | S. PATENT | DOCUMENTS | | | | |
| XAMINER | | DOCUMENT NUMBER | DATE | | NAME | CLASS | SUBCLASS | FILING DAT | |
| /R.K./ | 23 | 5,408,655 | 04/18/1995 | Timoth | y Oren, et al. | 395 | 600 | 06/18/1992 | |
| | 24 | US 5,931,907 | 08/03/1999 | Nichola | s Davies, et al. | 709 | 218 | 07/22/19 | 97 |
| /R.K./ | 25 | US 5,446,891 | 08/29/1995 | Craig A | . Kaplan, et al. | 707 | 2 | 11/02/19 | 94 |
| R.K./ | 26 | US 5,845,278 | 12/01/1998 | Steven | T. Kirsch, et. al | 707 | 3 | 09/12/19 | 97 |
| R.K./ | 27 | US 5,835,905 | 11/10/1998 | Peter L | . Pirrolli, et al. | 707 | 3 | 04/09/19 | 97 |
| | <u> </u> | | U.S. PATE | NT APPLIC | ATION PUBLICATIONS | | | | |
| XAMINER NITIAL | | DOCUMENT NUMBER | DATE | <u> </u> | NAME | CLASS | SUBCLASS | FILING DAT | |
| | | | | | · · · · · · · · · · · · · · · · · · · | | | | |
| | | | | | | | | | |
| | | | | | | | | | · - |
| | | · | | | | | | | |
| | | | FORE | IGN PATE | NT DOCUMENTS | | | | |
| | | DOCUMENT NUMBER | DATE | | COUNTRY | CLASS | SUBCLASS | TRANS | LATION |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | · |
| | | OTHER DOCUM | ENTS (Includin | ng Author | , Title, Date, Pertiner | nt Pages, Etc | .) | | |
| | | | | | | | | | |
| | | | | | | | | | |
| : | | | | | | | | | |
| | R | (Piele and 14 of 14 | | · | DATE CONSIDERED | | | | |
| CAMINE | | /Richard Keehn/ | | | 09/17/2007 | | | | |

Form PTO-A820 (also form PTO-1449) P09C/REV04

| ATTY DOCKET NO. | APPLICATION NO. |
|-----------------|-----------------|
| COPER-01008 | 10/781,495 |
| | |
| Will Volnak | |
| F11 11/0 | GROUP ART |
| FILING | GROUP ART |
| 00/15/004 | 2122 |

| | 1141 | (Use several sheets if necess | | Will Volnak | | | | | |
|---------------------|------|-------------------------------|---------------|----------------------|--------------------------|-------------|-------------|-----------------------------|----------|
| | | | | FILING 02/17/2004 | ROUP ART | 2123 | | | |
| | | | บ.5 | S. PATENT | DOCUMENTS | | | | |
| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE | |
| /R.K./ | 28 | 5,435,004 | 07/18/1995 | James (| Cox, et al. | 707 | 205 | 07/21/19 | |
| /R.K./ | 29 | 5,206,951 | 04/27/1993 | Dana K | hoyi, et al. | 719 | 315 | 04/03/19 | 91 |
| /R.K./ | 30 | 5,523,942 | 06/04/1996 | Max C. | Tyle,r et al. | 705 | 4 | 03/31/19 | 94 |
| /R.K./ | 31 | 5,623,659 | 04/22/1997 | Shaw-B | en Shi, et al. | 707 | 8 | 06/07/19 | 95 |
| /R.K./ ⁻ | 32 | US 5,708,825 | 01/13/1998 | Bernare | do Rafael Sotomayor | 395 | 762 | 05/26/19 | 95 |
| | | | U.S. PATEN | IT APPLIC | ATION PUBLICATIONS | | | | |
| *EXAMINER | | DOCUMENT NUMBER | DATE | | NAME | CLASS | SUBCLASS | FILING DAT | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | · | FORE | IGN PATE | NT DOCUMENTS | • | | | |
| | | DOCUMENT NUMBER DATE | | COUNTRY | | CLASS | SUBCLASS | TRANSLATION VES NO | |
| | | | | | | | | YES | NO |
| | | | <u>.</u> | | | | | | |
| | | | | | · | | | <u> </u> | |
| | | | | | | | | | |
| · · | | | | - | | | | - | |
| | L | OTHER DOCUME | NTS (Includin | l ng Author | , Title, Date, Pertinent | Pages, Etc. | <u> </u> | 1 | ! |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | • | | | | | |
| | | | | | | | | | |
| EXAMINE | R | /Richard Keehn/ | | | DATE CONSIDERED | 09/17/20 | 07 | · · · · | <u>;</u> |

P09C/REV04

| | | | | | ATTY DOCKET NO. | | APPLICATION NO. | | | |
|---------------------------------|----------------|-----------------------------------|------------------------|-------------|--|-------------|-----------------|-------------------------------|-----------|--|
| INFORMATION DISCESSIVE CITATION | | | | | COPER-0100 | . | 10/781.495 | | | |
| | INF | (Use several sheets if nece | | | APPLICANT(S) | | | | | |
| | | <i>1</i> . | | | Will Volnack FILING DATE | | GROUP ART UNIT | | | |
| | MAR 0 & 2007 6 | | | | 02/17/2004 | ł | | 2123 | | |
| , | | | U.S | . PATENT | DOCUMENTS | | <u> </u> | | | |
| "EXAMINER INITIAL | | DOCUMENT NO PARTY | DATE | | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE | | |
| /R.K./ | 33 | US 5,737,599 | 05/07/1998 | Edward | R. Rowe, et al. | 707 | 10 | 04/07/19 | 98 | |
| /R.K./ | 34 | US 5,913,215 | 07/15/1999 | Seymou | ır L.Rubinstein, et al. | 707 | 10 | 02/19/19 | 97 | |
| /R.K./ | 35 | US 5,781,785 | 07/14/1998 | Edward | I R. Rowe, et al. | 395 | 774 | 09/26/19 | 95 | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | U.S. PATEN | IT APPLIC | ATION PUBLICATIONS | <u> </u> | | | | |
| *EXAMINER | | DOCUMENT NUMBER | DATE | | NAME | CLASS | SUBCLASS | FILING DAT | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | FORE | IGN PATE | NT DOCUMENTS | | | | | |
| | | DOCUMENT NUMBER | DATE | | COUNTRY | CLASS | SUBCLASS | TRANS YES | LATION NO | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | The transmission of the section of t | | | | | |
| | | · | | | | | | | | |
| | | · | | | | · | | | | |
| | | OTHER DOCUM | ENTS (Includin | g Author | , Title, Date, Pertinent I | Pages, Etc. | .) | • | | |
| | | | | | | | | - | | |
| | | | | | | | | | | |
| | | | | | | | ···· | | | |
| | | | | | | | | | | |
| EXAMINE | 2 | /Richard Keehn/ | | | DATE CONSIDERED | 09/17/200 | 07 | | | |
| *EXAMINE | R: Initi | ial if reference considered, whet | her or not citation is | in conform | lance with MPEP 609; Draw | | | onformance | and not | |

P09C/REV04